

Idaho Completion Project

Bechtel BWXT Idaho, LLC

INEEL CERCLA Disposal Facility operations facilitate soil cleanup

Definitions

CERCLA – (Comprehensive Environmental Response, Compensation and Liability Act, or Superfund) The federal law that establishes a program to identify, evaluate and remediate sites where hazardous substances may have been released (leaked, spilled, or dumped) to the environment

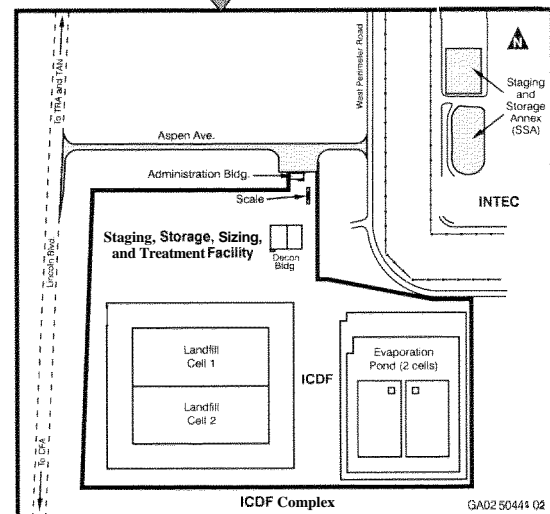
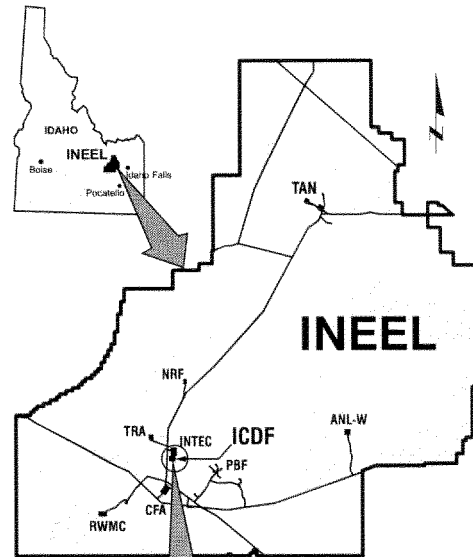
Record of Decision (ROD) – A public document that identifies the selected remedy at a site, outlines the process used to reach a decision on the remedy, and confirms that the decision complies with CERCLA



The Idaho Completion Project is operating a state-of-the-art disposal facility near the Idaho Nuclear Technology and Engineering Center to consolidate contaminated soil and debris generated from sitewide cleanup actions.

The INEEL **CERCLA** Disposal Facility, or ICDF, was selected by the Department of Energy, the Environmental Protection Agency and the state of Idaho in a 1999 **CERCLA Record of Decision** to address remediation at the INTEC facility. Since early September, ICDF operations have already allowed workers to complete contaminated soil removal at the Idaho National Engineering and Environmental Laboratory's Central Facilities Area and to begin soil removal at the Auxiliary Reactor Area and Test Area North. The winter shutdown of ICDF operations is underway. Operations will resume as early as possible in the spring.

The disposal facility consists of a 510,000-cubic-yard landfill, lined evaporation ponds, and treatment, storage and administrative facilities. It is designed to safely contain contaminated soil and debris from several CERCLA remediation sites across the INEEL's 890 square miles. The design greatly reduces risk for



The ICDF is located southwest of the Idaho Nuclear Technology and Engineering Center:



Contaminated soil is removed from a site at the Central Facilities Area for transport to the ICDF.

contaminant migration to the aquifer, as well as the spread of windblown contamination. Many similar landfills designed to contain CERCLA remediation soils and debris have been built at Superfund sites across the United States.

Safety features of the landfill include a multiple-layer liner system that incorporates several feet of natural and synthetic materials, including a layer of compacted clay. A collection and removal system is built into the liner system of the facility to detect and remove liquids that may leach from material disposed of in the facility. These liquids are pumped into a multilayer, lined evaporation pond system at the site. The design of the ICDF, which includes a strict set of criteria on what types of waste can be disposed of in the facility, was developed with the agreement of the EPA and the state of Idaho.

The ICDF is planned to receive waste until 2012. After the ICDF stops receiving waste and is capped, institutional controls will be put into place, and the site will be monitored and maintained. A buffer area will be established around the landfill to prevent future development. Members of the public who have questions about ICDF operations should contact the Community Relations Plan office at (208) 526-3183 or by e-mail at campjl@inel.gov.

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Community Relations Office
P.O. Box 1625 MS 3940
Idaho Falls, ID 83415-3940**

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